

a silicone rubber compound interior membrane having an inner surface and an outer surface,

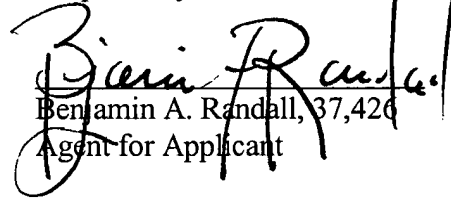
said interior membrane laminated to said inner surface of said outer frame, said outer frame and inner membrane forming a laminate structure with a single contiguous edge, wherein said outer frame and said inner membrane are formed with identical elliptical curvatures, said exterior frame presenting a convex surface and said interior membrane presenting a concave surface.

2. (Original)The device as recited in Claim 1 wherein said shield has a diameter in the range of 1.0 to 5.0 inches.
3. (Original)The device as recited in Claim 1 wherein said shield has a depth from said contiguous edge to a maximum depth on said concave surface in the range of 0.5 to 2.5 inches.
4. (Original)The device as recited in Claim 1 wherein said exterior frame comprises silicone rubber compounds having a stiffness in the range of 10 to 100 durometer Shore "A".
5. (Original)The device as recited in Claim 1 wherein said inner membrane comprises silicone rubber gel compounds having a stiffness of less than 10 durometer Shore "A".
6. (Original)The device as recited in Claim 1 wherein said shield has a thickness in the range of 20 to 90 mils.
7. (Original)The device as recited in Claim 1 wherein said shield is a circular disk.
8. (Original)The device as recited in Claim 1 wherein said shield is a decorative shape.
9. (Original)The device as recited in Claim 1 wherein said shield is a geometric shape other than circular.
10. (Original)The device as recited in Claim 1 wherein said silicone rubber compounds comprise a coloring additive.
11. (Original)A re-usable breast shield comprising a silicone rubber compound membrane wherein said membrane comprises silicone rubber compounds having a stiffness in the range of a gel to 100 durometer Shore "A".
12. (Original)The device as recited in Claim 11 wherein said shield is formed with an elliptical curvature, forming a convex surface outer surface and an inner concave surface.
13. (Original)The device as recited in Claim 11 wherein said shield has a thickness in the range of 20 to 90 mils.
14. (Original)The device as recited in Claim 11 wherein said shield is a circular disk.

15. (Original)The device as recited in Claim 11 wherein said shield is a decorative shape.
16. (Original)The device as recited in Claim 11 wherein said shield is a geometric shape other than circular.
17. (Original)The device as recited in Claim 11 wherein said silicone rubber compounds comprise a coloring additive.
18. (Original)A method for preventing "let-down" of lactating fluid in female humans consisting of the steps:
 - applying an adhesive around the perimeter of a silicone rubber shield;
 - flattening the cup of a brassiere;
 - placing said shield on the inside of said cup;
 - allowing said adhesive to cure;
 - placing said brassiere on the breast of a wearer.
19. (Original)A nursing bra constructed using the device as recited in Claim 1 further comprising a fabric laminated to an outer surface of said outer frame and further integrated into said bra.
20. (Original)A nursing bra constructed using the device as recited in Claim 11 further comprising a fabric laminated to an outer surface of said outer frame and further integrated into said bra.

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Respectfully submitted,


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Agent for Applicant